

Date: Tue, 21 Dec 93 13:34:18 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1491  
To: Info-Hams

Info-Hams Digest                      Tue, 21 Dec 93                      Volume 93 : Issue 1491

Today's Topics:

                    \* SpaceNews 20-Dec-93 \*  
                    ARLD068 RTTY Honor Roll created  
          Bravo, Bravo +, etc. pager options and programming ?  
                    Call Book Server (2 msgs)  
                    Coax recommendations?  
                    CQ N7JA James Allyn - where are you?  
  Daily Summary of Solar Geophysical Activity for 14 December  
                    Don't try this at home  
                    Ham Shops in Washington DC area?  
                    Ham ticket (2 msgs)  
                    Time to get ticket  
                    Where are all the young enthusiasts?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
-----

Date: 17 Dec 93 17:30:56 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \* SpaceNews 20-Dec-93 \*  
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC1220  
\* SpaceNews 20-Dec-93 \*

BID: \$SPC1220

=====  
SpaceNews  
=====

MONDAY DECEMBER 20, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

\* ITAMSAT-OSCAR-26 NEWS \*

=====

After examining the memory dumps taken from IO-26, Alberto Zagni I2KBD and Harold Price NK6K have decided to begin the uploading of the high-level software to restore IHT (Itamsat Housekeeping Task) capability.

The cause of the crash is still unknown. I2KBD and NK6K are working on the memory dumps, but the crash destroyed part of the internal logs kept by the high-level software. Since the crash happened as one of the Command Stations in Milan was uplinking to the satellite using a new ground software (which has not yet been fully tested), there is chance that this was the cause of the crash.

The ITAMSAT Command Team has decided not to turn the BBS on after the reloading of the software. The Team will start some WOD data collection in order to fully optimize the energy budget onboard the satellite. This will enable IO-26 to have higher power settings on the downlink. Stay tuned on the downlink for any late news!

The ITAMSAT Command Team would like to thank again Harold Price NK6K for the great help in debugging the memory dumps and the Eyesat Command Team for helping during the initial recovery.

ITAMSAT Command Team can be reached via Internet as i2kbd@amsat.org or ik2ovv@amsat.org, and on Compuserve HAMNET.

73 de Luca Bertagnolio IK20VV  
ITAMSAT Command Team

\* AO-21 NEWS \*

=====

After corresponding with Peter, DB20S, Rick, VE4AMU reports that picture transmissions may be coming to OSCAR-21 soon. These transmissions will be WEFAX compatible, so equipment currently used by ground stations to copy Meteosat and NOAA satellites will work with AO-21 transmissions. Image

uploads to the satellite will be through control stations and will use JPEG compression.

[Info via VE4AMU]

\* OSCAR SKN '94 \*

=====

YOU'RE INVITED TO THE 22ND ANNUAL "STRAIGHT KEY NIGHT ON OSCAR"

As you know, ARRL has for many years sponsored Straight Key Night on New Year's Eve and New Year's Day; it is expected to do so again in 1994.

On New Year's Eve, 1972 (January 1, 1973 UTC), a few of us on the AMSAT 75-meter net decided that we would try to combine the best of the old and the new in Amateur Radio by operating in Straight Key Night on what was then the brand-new communications satellite, AMSAT-OSCAR 6. Since then, proud brasspounders have kept the tradition going by operating CW on OSCAR using straight keys for at least a little while on every New Year's Day (UTC) when there's been an OSCAR to work.

You're most cordially invited to join in the 22nd annual celebration. It's entirely informal and unofficial; there are no rules, no scoring and no need to send in a log. Just call CQ SKN in the CW passband segment of any OSCAR satellite between 0000 and 2359 UTC on January 1, 1994, or answer a CQ SKN call from another station. This year, we're changing things a little: we'll also count QSOs made via the oldest, largest and most reliable communications satellite, OSCAR Zero, otherwise known as the moon. AMSAT didn't build it, but we can adopt it! Of course, all SKN operating must be done with a straight hand key.

Just as in the ARRL HF version of this event, we're conducting a search for the OSCAR SKN operator with the best fist. Please send in a nomination of someone you worked; we'll announce the winner or winners via packet bulletin. Last year's winners were KB6A, W6HDO and W8JAQ. Nominations may be sent To Ray Soifer via packet to W2RS @ WA2SNA.NJ.USA.NA, from Europe to W2RS @ GB7HSN.#32.GBR.EU, via Internet to w2rs@amsat.org, or by mail via his Callbook address.

[Info via Ray, W2RS]

\* SEASONS GREETINGS \*

=====

$$\begin{array}{c} \wedge \\ // \circ \backslash \\ / \circ / \backslash x \backslash \end{array}$$

```

      /x/\o\
     /o//\\\\
    ///x\\o\
    ///o\\o\
   /ox///\\\\
  ///o///\o\x\\
 /x//o//\\\\ox\
/o////////\o\x\\
/////x///\\\\o\\
      00

```

de John, KD2BD

\* THANKS! \*

=====

Thanks to all those who sent messages of appreciation regarding SpaceNews,  
especially:

KZ1Z

N3QQB

VE4AMU

Robert Lyda

\* FEEDBACK/INPUT WELCOMED \*

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any  
of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD  
Department of Engineering and Technology  
Advanced Technology Center  
Brookdale Community College  
Lincroft, New Jersey 07738  
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--

John A. Magliacane, KD2BD \* /\ /\ \* Voice : 1-908-224-2948  
Advanced Technology Center |/\ /\ | Packet : KD2BD @ N2KZH.NJ.USA.NA  
Brookdale Community College |/\ /\ | Internet: kd2bd@ka2qhd.ocpt.ccur.com  
Lincroft, NJ 07738 \* /\ /\ \* Morse : -.- -.. ..--- -... -..

-----  
Date: Wed, 15 Dec 1993 05:11:49 -0700  
From: metro!basser.cs.su.oz.au!harbinger.cc.monash.edu.au!yeshua.marcam.com!  
nic.hookup.net!news.kei.com!sol.ctr.columbia.edu!math.ohio-state.edu!  
cyber2.cyberstore.ca!nntp.cs.@munniari.oz.au  
Subject: ARLD068 RTTY Honor Roll created  
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD068  
ARLD068 RTTY Honor Roll created

ZCZC AE94  
QST de W1AW  
DX Bulletin 68 ARLD068

-----  
Date: Mon, 20 Dec 1993 17:59:23 GMT  
From: spsgate!mogate!newsgate!nuntius@uunet.uu.net  
Subject: Bravo, Bravo +, etc. pager options and programming ?  
To: info-hams@ucsd.edu

In article <btobackCICBs4.MM6@netcom.com> Bruce Toback,  
btoback@netcom.com writes:  
>The paging company I use (SkyTel, aka National Satellite Paging) offers a  
>time-of-day page. You tell the terminal (via touch-tone input) the date  
and  
>time you want a page, and it pages you within a minute or two of that  
time.  
>Excellent for creating socially-acceptable excuses to leave meetings,  
>parties, visits with the in-laws, etc.  
>  
>It seems to me there may be a market for a stand-alone device of this  
type.  
>  
>-- Bruce Toback

I carry an advisor by Motorola. It will display text messages also. It  
can be purchased with nat'l service or local service. It has an alarm  
built in to help you remember that important meeting or to get out of it.  
I have carried the "bravo" pager also and like both. Some options for  
the type of alert....ramp to full volume, short tones, vibration....ect.  
Battery life is about 3weeks, and I leave my pager on 100% of the time.  
The advisor uses a AAA and the bravo uses a AA.  
I hope this helps

Just for the record, to use the text feature of the advisor the paging person in most cases must leave the page with an operator who transcribes it and sends it out. Software is avail. to send text pages via a computer and a modem.

Rick Aldom

-----  
Date: 21 Dec 93 04:58:13 GMT  
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!darwin.sura.net!  
guvax.acc.georgetown.edu!roakley@network.ucsd.edu  
Subject: Call Book Server  
To: info-hams@ucsd.edu

The callbook server at the New Jersey Institute of Technology has been listed as a menu choice on our local VAX. However, when I tried it today, I got the message that the server has been shut down.

Does anyone know of an alternate address. Is the one at SUNY Buffalo still in operation? What is its address.

Many thanks for your help.

73 & Happy Holidays

Bob  
WK3C

+++++

Robert L. Oakley (Bob)	PHONE:	(202) 662-9160
Georgetown Univ. Law Library	FAX:	(202) 662-9202
111 G Street, N.W.	BITNET:	ROAKLEY@GUVAX.BITNET
Washington, D.C. 20001	INTERNET:	ROAKLEY@GUVAX.GEORGETOWN.EDU
		OAKLEY@LAW.GEORGETOWN.EDU
	PACKET RADIO:	WK3C@N3BBF.MD.USA

Unless otherwise indicated, I make no claim of copyright in messages I write for transmission over the Internet. I hereby grant permission to all others to reproduce, retransmit or copy such messages, subject only to the request to retain the signature line or to give appropriate credit for the use of any such material.

+++++

-----  
Date: 21 Dec 1993 09:24:09 -0800  
From: nwnexus!tedt@uunet.uu.net  
Subject: Call Book Server  
To: info-hams@ucsd.edu

roakley@guvax.acc.georgetown.edu writes:

>The callbook server at the New Jersey Institute of Technology has been  
>listed as a menu choice on our local VAX. However, when I tried it  
>today, I got the message that the server has been shut down.

>Does anyone know of an alternate address. Is the one at SUNY Buffalo  
>still in operation? What is its address.

>Many thanks for your help.

>73 & Happy Holidays

>Bob  
>WK3C

"telnet callsign.cs.buffalo.edu.2000"

Ted  
KB7ZQQ

-----  
Date: Mon, 20 Dec 1993 17:44:35 GMT  
From: netcomsv!netcom.com!wa2ise@decwrl.dec.com  
Subject: Coax recommendations?  
To: info-hams@ucsd.edu

For 2 meter work, get some RG8U. RG59U has too much attenuation up at  
VHF (something like 3 dB per 100 feet).

-----  
Date: 20 Dec 1993 18:36:27 GMT  
From: tymix.Tymnet.COM!opus!gregk@uunet.uu.net  
Subject: CQ N7JA James Allyn - where are you?  
To: info-hams@ucsd.edu

Pardon me if I break any netiquette here ...

I am looking for a long lost friend. His name is Jim Allyn. He used to live in Wenatchee, Washington. His call letters were N7JA. (I doubt he would give them up!)

Back in high school I remember Jim and I would help to bring radio amateurs together and I doubt that spirit has subsided. I have no doubt I will hear from you soon, Jim. Merry Christmas!

Greg Kennedy  
gregk@opus.tymnet.com  
408-379-8329 home  
408-428-4603 work

-----  
Date: Tue, 14 Dec 1993 22:28:54 MST  
From: metro!basser.cs.su.oz.au!harbinger.cc.monash.edu.au!yeshua.marcam.com!  
news.kei.com!sol.ctr.columbia.edu!math.ohio-state.edu!cyber2.cyberstore.ca!  
nntp.cs.ubc.ca!alberta!@munnnari.oz.au  
Subject: Daily Summary of Solar Geophysical Activity for 14 December  
To: info-hams@ucsd.edu

/\

# DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

14 DECEMBER, 1993

/\

(Based In-Part On SESC Observational Data)

## SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 14 DECEMBER, 1993

-----

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 348, 12/14/93  
10.7 FLUX=087.9 90-AVG=098 SSN=036 BKI=0201 0000 BAI=001  
BGND-XRAY=B1.4 FLU1=6.0E+05 FLU10=1.2E+04 PKI=1211 2211 PAI=004  
BOU-DEV=004,017,004,005,004,004,004,004 DEV-AVG=005 NT SWF=00:000  
XRAY-MAX= C2.1 @ 1211UT XRAY-MIN= B1.1 @ 0653UT XRAY-AVG= B2.4  
NEUTN-MAX= +003% @ 2110UT NEUTN-MIN= -001% @ 2140UT NEUTN-AVG= +0.5%  
PCA-MAX= +0.1DB @ 2045UT PCA-MIN= -0.3DB @ 1930UT PCA-AVG= -0.0DB  
BOUTF-MAX=55353NT @ 1142UT BOUTF-MIN=55338NT @ 2038UT BOUTF-AVG=55348NT



GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+074,+000,+000  
GOES6-MAX=P:+122NT@ 1813UT GOES6-MIN=N:-059NT@ 1001UT G6-AVG=+097,+020,-029  
FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=010,020,015/018,030,018  
KFCST=0002 3000 2224 4222 27DAY-AP=006,018 27DAY-KP=2111 2133 2111 4543  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 13 DEC 93 was 45.0.  
The Full Kp Indices for 13 DEC 93 are: 10 2- 0+ 20 20 1+ 1- 10

#### SYNOPSIS OF ACTIVITY

-----

Solar activity was low. Two small C-class flares were observed today but were not optically correlated. Three new regions were assigned: Region 7634 (N12W82), 7635 (N03E76), and 7636 (N14E15). All are small and simple in structure. Region 7635 is the return of old Region 7520 (L-273, N04) which produced 3 C-flares on its previous disk transit.

STD: Strong Ca XV and very strong Fe X emissions were observed on the southwest limb near S20 today and may be related to the departure of Region 7629. A Yohkoh x-ray image has been appended to this report showing the location of the negative polarity southern polar coronal hole extension and the southwest limb emission. A new (apparently minor) region is approaching the east limb.

Solar activity forecast: solar activity is expected to be very low to low.

The geomagnetic field has been at quiet levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to increase to active levels sometime late tomorrow and continuing through day two and part of day three. The increase is expected to result from effects of a favorably positioned coronal hole.

Event probabilities 15 dec-17 dec

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 15 dec-17 dec

A. Middle Latitudes

Active	15/30/30
Minor Storm	05/20/20
Major-Severe Storm	01/05/05

B. High Latitudes

Active	15/30/30
Minor Storm	05/25/25
Major-Severe Storm	01/10/10

HF propagation conditions were near-normal over most regions except the high and polar latitude paths where sporadic auroral fading has continued to produce periods of poor propagation. No improvements in these areas are expected before the anticipated coronal-hole-related disturbance produces additional signal degradation late on 15 and perhaps more particularly on 16 December. At that time, minor signal degradation is expected to occur over the middle latitudes as well. Night-sector paths will be most heavily affected.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

=====

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 14/2400Z DECEMBER

-----

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7634	S12W82	073	0030	CRO	05	003	BETA	
7635	N03E76	275	0060	HSX	02	001	ALPHA	
7636	N14E15	336	0000	AXX	02	002	ALPHA	
7631	N13W85	076					PLAGE	
7632	N05E05	346					PLAGE	

REGIONS DUE TO RETURN 15 DECEMBER TO 17 DECEMBER

NMBR	LAT	LO
7628	S21	233

LISTING OF SOLAR ENERGETIC EVENTS FOR 14 DECEMBER, 1993

-----

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 14 DECEMBER, 1993

-----

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 14/2400Z

-----

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
53	E10	S45	W35	S08	015		NEG	170	10830A

STD: The coronal hole above is an extension of the southern polar coronal crown and is distinct in x-ray imagery.

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

-----

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
13 Dec:	0243	0252	0259	B5.0						
	0617	0623	0626	C1.1						
	1119	1132	1144	B4.6						
	1153	1159	1204	B4.3						
	1509	1619	1724	B9.6						
	2342	2346	2350	B2.5						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

-----

	C	M	X	S	1	2	3	4	Total	(%)
Uncorrelated:	1	0	0	0	0	0	0	0	006	(100.0)

Total Events: 006 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

-----

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
13 Dec:	1509	1619	1724	B9.6				Surge

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce

Acronyms used to identify sweeps and optical phenomena include:

SPECIAL INSERT: CURRENT X-RAY EMISSIONS FROM THE JAPANESE YOHKOH SPACECRAFT

North

[illegible]

South

Back in the old days, this used to be a problem for me too. So let me pass on a tip. Wire back to back diodes across the headphones.

For the older 2,000 ohm phones single diodes worked well, for the newer low impedance phones you may want to try low threshold germanium diodes. The idea is to make a limiter that normally doesn't conduct, but when a sudden loud noise comes along it will clamp the signal to a tolerable level.

This also has another side effect that you may or may not like. When you transmit, the diodes act as an untuned crystal set. For my old AM rig, I could monitor my transmissions nicely. With Morse, you'd get the click clack of a telegraph sounder. Donald Duck would still sound like Donald Duck.

Gary

--

Gary Coffman KE4ZV	I kill you,	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	You kill me,	uunet!rsiatl!ke4zv!gary
534 Shannon Way	We're the Manson Family	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-sorry Barney	

-----

Date: 21 Dec 1993 16:47:34 GMT  
From: @uunet.uu.net@network.ucsd.edu  
Subject: Ham Shops in Washington DC area?  
To: info-hams@ucsd.edu

Greetings -

I'm going to be in the Washington DC area over Christmas. I'd be very interested in recommendations for Ham Stores in that area. I'll be visiting relatives in Springfield (about 10 mi. south of DC) but would be willing to drive some for a good store (read great selection/prices :).

Thanks for any suggestion,

Steve

---

--

-- Steve Bunis, Sun Microsystems \*\*\*DoD #0795\*\*\* 93-ST1100  
-- Itasca, IL \*\*\*AMA #682049\*\*\*  
-- \*\*\*HRCA #HM125617\*\*  
-- \*\*\* N9VLP \*\*\*

-----

Date: Tue, 21 Dec 1993 09:51:31 -0700  
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net  
Subject: Ham ticket  
To: info-hams@ucsd.edu

In article <9312172309.A8344wk@hofbbs.com>, artie.uberti@hofbbs.com wrote:

>  
> DOES ANYONE OUT THERE KNOW IF FCC HAS STOPPED PROCESSING LICENSES. I AM STILL  
> WAITING SINCE 11/9/93 FOR MY TICKET TO ARRIVE AND I AM GROWING IMPATIENT.  
> ALL REPLIES WELCOME!!!  
> 73

Who knows? I upgraded to General on 20 Oct and have not heard anything (9 weeks on Wed). My two sons passed their Tech on 15 Sep and got their tickets on 3 Nov - 7 weeks.

Milt

--

=====

Opinions, thoughts, &cetera are my own (when I can remember them).

"He flies the sky  
Like an Eagle in the eye  
of a hurricane that's abandoned."

KB7MSF  
UTAH

America

-----

Date: 21 Dec 1993 17:38:00 GMT  
From: swrinde!sdd.hp.com!hpscit.sc.hp.com!garhow@network.ucsd.edu  
Subject: Ham ticket  
To: info-hams@ucsd.edu

artie.uberti@hofbbs.com wrote:

: DOES ANYONE OUT THERE KNOW IF FCC HAS STOPPED PROCESSING LICENSES. I AM STILL  
: WAITING SINCE 11/9/93 FOR MY TICKET TO ARRIVE AND I AM GROWING IMPATIENT.  
: ALL REPLIES WELCOME!!!  
: 73

I sent in a form 610 for a change of address on November 15 and just got my new license yesterday. This is probably faster than a new license application.

Garry  
KE0SH

--

Garry Howard	Hewlett-Packard Company
Technical Consultant	29 Burlington Mall Road
Professional Services Organization	Burlington, MA 01803 USA
garhow@hpubmaa.esr.hp.com	

[I do not speak for HP officially or otherwise.]

-----

Date: 21 Dec 1993 16:51:25 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!col.hp.com!paulg@uunet.uu.net  
Subject: Time to get ticket  
To: info-hams@ucsd.edu

Yet Another Data Point:

Tested October 9, ticket arrived December 20.  
Elapsed time: 10 weeks (including Thanksgiving)

No "advertising mail" received yet.

----- \* -----  
Paul Goble, N0ZMA  
Hewlett-Packard Colorado Springs Division  
paulg@col.hp.com

-----

Date: 21 Dec 93 16:06:39 GMT  
From: ogicse!emory!cs.utk.edu!willis1.cis.uab.edu!right.dom.uab.edu!  
user@network.ucsd.edu  
Subject: Where are all the young enthusiasts?  
To: info-hams@ucsd.edu

A few days ago I related some ideas off the top of my head  
on ways to get kids interested in radio technology. There have been  
some fine posts here that detail how there is a lot of enthusiasm  
among youngsters. I have a nephew that looks forward to my visiting  
because he can try to make contacts with my HT over a local repeater.  
This is the cats meow for him.

One person e-mailed me asking what I might advise on using the 49Mhz  
band for intro to radio. As the ideas I had for generating interest



where there was none is a separate issue from cultivating interest in those with some, I was hoping that the net might generate some enlightenment on what the 49MHz band might be useful for. That is, for example, if one could use toy 49MHz HT's and use a reflector with or without a director one could show a kid how setting up a yagi could extend range further than the next tree. Other things might be done with this as well. But what can one legally do on 49MHz? Does anyone know what the power restrictions and modulation restrictions are on this band. I also assume that the band can be used by anyone without a license as long as the rig meets these restrictions.

Any other ideas for projects that might give someone the technology bug?

Steve Holland, KD4TTC

-----  
Date: (null)  
From: (null)  
SB DX ARL ARLD068  
ARLD068 RTTY Honor Roll created

RTTY Honor Roll Created

Today, the ARRL Awards Committee voted 6 ''yes'' and 1 ''no'' to accept an ARRL DX Advisory Committee (DXAC) recommendation to create an Honor Roll for RTTY DXCC. Qualification for this new Honor Roll is the same as for Mixed Honor Roll--318 current (not deleted) countries. (January 1, 1994 Eritrea will be added to the DXCC Countries List, and the level will rise to 319 current countries.)

This action makes Honor Rolls for all DXCC ''mode'' awards. The RTTY DXCC accepts contacts made using Baudot, ASCII, Amtor, and other non-CW digital protocols.

Persons who qualify for RTTY Honor Roll will be recognized based on their RTTY DXCC records. No other action is required.

NNNN

/EX

-----  
Date: 20 Dec 1993 17:41:56 GMT  
From: ipxpress.aws.waii.com!ep130.wg2.waii.com!ep130.wg2.waii.com!mjg@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Dec17.220826.26979@rsg1.er.usgs.gov>,

<2f24oe\$nli@acorn.acorn.co.uk>, <1993Dec20.141350.2997@ke4zv.atl.ga.us>  
Subject : Re: Kraco SSB CB Information Please

In article <1993Dec20.141350.2997@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

```
|> In article <2f24oe$nli@acorn.acorn.co.uk> steve@acorn.co.uk (Steve "daffy"  
|> Hunt) writes:  
|> >Tom Bodoh (bodoh@dggs.cr.usgs.gov) wrote:  
|> >: In article <2er28k$9mm@cyberspace.com>, jrw@cyberspace.com (John Russell  
|> Woodman) writes:  
|> >: |> Could someone tell me  
|> >: |> how to peak this radio up so I can get maximum output on it? If  
|> possible,  
|> >: |> please supply information on peaking tx power, tx modulation and rx  
|> sens-  
|> >: |> itivity. Any information on how to get this radio to perform to  
|> optimum  
|> >: |> capacity would be appreciated. Please respond in mail rather than  
|> posting.  
|> >: Posting this here is like walking into a cop bar and asking directions to  
|> >: the local crack house..  
|> >  
|> >"Peaking" is a perfectly normal procedure. Any reputable repairman  
|> >will do it for a small fee, or perhaps for nothing if you are having a  
|> >repair done at the same time.  
|>  
|> Perfectly true Steve, but under US rules the work has to be done  
|> by a licensed technician, not by the CBer. So asking for instructions  
|> on how to make internal adjustments at home is where the problem arises.  
|> Now in the perspective of the general lawlessness of CB, this is really  
|> a reasonable request, but it got crossposted to the amateur group, and  
|> that was inviting flames from the armchair lawyers. In truth, most  
|> amateurs couldn't do this job properly to FCC specs because it requires  
|> test equipment most of them don't have. Expecting a CBer to both have  
|> the skills, and the test equipment, is a bit much. To do the job right,  
|> you need a calibrated service monitor and a spectrum analyzer.  
|>  
|> Gary  
|> --  
|> Gary Coffman KE4ZV          | I kill you,          |  
|> gatech!wa4mei!ke4zv!gary    |  
|> Destructive Testing Systems | You kill me,      |  
|> uunet!rsiatl!ke4zv!gary     |  
|> 534 Shannon Way            | We're the Manson Family |  
|> emory!kd4nc!ke4zv!gary      |  
|> Lawrenceville, GA 30244     | -sorry Barney    |
```

I couldn't agree with you more Gary however since the goverment deregulated CB

or for the more correct of us out here 11 meters there is so much illegal gear on 11m that I doubt that a 4 watt radio would even be noticed in the shi\* on the band. If a person wants to get the radio tweaked though he should be able to get the schematics from any electronics dealer that carries SAM's photofacts and any competent electronics shop will do the work for him for about 10-15 bucks. I don't condone the person attempting the work himself with out the right gear or atleast a reasonable facsimile thereof. He could try a local ham club and might be able to find help with the gear and get a intrest in "our" hobby on the way. It may not be perfectly legal but it would be alot better then some of the riggs I have had to fix over the years. Not everyone is lucky enough to have a IFR 1200s in their shack.

Mike KB5T0J

-----

End of Info-Hams Digest V93 #1491

\*\*\*\*\*

\*\*\*\*\*